DAVID F. ZINGER

CRAIG C. GROSETH TODD P. BLAKELY

GARY J. CONNELL SABRINA C. STAVISH JOSEPH E KOVARIK

SUSAN PRYOR WILLSON

LEWIS D. BANSEN

ROBERT R. BRUNELLI DOUGLAS W. SWARTZ

BRUCE A. KUGURR BRENT P. JOHNSON

DANA HARTJE CARDWELL

PAUL S. HANSRA BENJAMIN B. LIEB

BRADLEY M KNEPPER MIRIAM DRICKMAN TRUDELL SCOTT R. BIALECKI

KENNETH C WINTERTON ROBERT D. TRAVER, Ph.D. CHRISTOPHER J. HUSSIN MARK L YASKANIN

MOLLYBETH R KOCIALSKI

SHERIDAN ROSS

A Professional Corporation
ATTORNEYS AND COUNSELORS AT LAW

1560 BROADWAY **SUITE 1200** DENVER COLORADO 80202-5141

TELEPHONE (303) 863-9700 FACSIMILE (303) 863-0223 E-MAIL srlaw@sheridanross.com

February 19, 2002

OFFICIAL FILING

PATENTS TRADEMARKS COPYRIGHTS

KEKMITH P. ROSS 1910-1986

OP COUNSEL
PHILIP H. SHERIDAN GILDERT B. ALBEROING"

"MI. AL. IN Ber Only

TECHNICAL SPECIALISTS DENNIS J. DUPRAY, Ph.D. ANGELA K. DALLAS, Ph.D

FEB 2 2 2002

GROUP 1600 Enter ct2

February 19, 2002 Date:

Please deliver to:

**Technology Center 1600** 

Facsimile Number:

703/872-9307

Application Serial No.

09/341,600

Attorney Docket No.

3161-18-PUS

No. pages, incl. this one:

14\_

Sender:

Angela K. Dallas, Attorney Registration No. 42,460

## **ATTACHMENTS**

REQUEST FOR EXTENSION OF TIME SUPPLEMENTAL RESPONSE DECLARATION OF MING-DE DING

IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL CONNIE ROBNETT AT (303) 863-9700 X3016.

THIS FACSIMILE MESSAGE AND THE INFORMATION IN IT IS INTENDED TO BE A CONFIDENTIAL COMMUNICATION TO THE ADDRESSEE ONLY. IF YOU ARE NOT THE INTENDED RECIPIENT, PLEASE BE ADVISED THAT ANY USE OR DISSEMINATION OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE. THANK YOU.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	Group Art Unit: 1652
BERRY et al.	Examiner: Fronda, C.
Serial No.: 09/341,600	SUPPLEMENTAL RESPONSE
Filed: September 15, 1999	
Atty. File No.: 3161-18-PUS )	CERTIFICATE OF FACSIMILE TRANSMISSION
For: "PROCESS FOR PRODUCTION OF ) N-GLUCOSAMINE"	I hereby comity that this paper is being transmitted via facsimile to the United States Patent and Trademark Office on the date shown below.
Assistant Commissioner for Patents Washington, D.C. 20231	CONSTANCE ROBNETT Print or Tope Name Signature: Outsever Robust Date: A T-elmiany 2002

Dear Sir:

This Supplemental Response is submitted in further response to a final Office Action having a mailing date of July 17, 2001. A Notice of Appeal was filed on November 19, 2001, which extended the time for responding to January 19, 2002. Enclosed herewith is a request for a one month extension of time, with the requisite fee, to extend the time for responding from January 19, 2002, to February 19, 2002. No additional fees are believed to be due in connection with this response, but in the event that fees are due, please debit Deposit Account No. 19-1970.

## REMARKS

In the Amendment and Response filed on November 19, 2001, Applicants noted that data supporting the phrase "glucosamine-6-phosphate synthase" as used in the claims would be provided in the next few weeks by supplemental response and a declaration under 37 CFR 1.132. This data is provided in view of the Examiner's comments during the telephone interview of August 21, 2001, wherein the Examiner indicated that additional data in support of the use of glucosamine-6-phosphate synthases other than the *E. coli* glucosamine-6-phosphate synthase would be a positive step toward acceptance of the broader claim scope.

Attached hereto is a Declaration of Ming-De Deng under 37 CFR 1.132, which provides evidence that glucosamine-6-phosphate synthases from a variety of sources can be used successfully